



33291

Soyabean Casein Digest Agar (SCDA) (Tryptone Soya Agar, TSA)

Part D

Specifications

Appearance (Colour)	Light yellow
Appearance (Form)	Free flowing, homogeneous powder
Solubility	40.00 gm/liter
Solubility before autoclaving (Clarity)	Clear to slightly opalescent
Gel strength (1.5% gel)	Firm, comparable with 1.5% gel
pH (25°C)	7.3 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Light yellow (Note : If desired add defibrinated blood After addition of 5% sterile defibrinated blood: Cherry red, opaque.)
Cultural Response	Inoculate and incubate at 30 ± 2°C for 18-24 hours
Organism	Candida albicans* ATCC 10231
Inoculum (cfu) 10-100	Growth w/blood : Good Growth w/o blood : Good Haemolysis : ---
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth w/blood : Good Growth w/o blood : Good Recovery Rate : >=70.0% Haemolysis : Beta
Organism	Streptococcus pyogenes ATCC 19615
Inoculum (cfu) 10-100	Growth w/blood : Good Growth w/o blood : Good Recovery Rate : >=70.0% Haemolysis : Beta
Organism	Bacillus subtilis ATCC 6633
Inoculum (cfu) 10-100	Growth w/blood : Good Growth w/o blood : Good Recovery Rate : >=70.0% Haemolysis : None
Organism	Bacteroides vulgatus ATCC 8482
Inoculum (cfu) 10-100	Growth w/blood : Good Growth w/o blood : Good Recovery Rate : >=70.0% Haemolysis : None
Organism	Pseudomonas aeruginosa ATCC 27853
Inoculum (cfu) 10-100	Growth w/blood : Good Growth w/o blood : Good Recovery Rate : >=70.0%
Organism	Salmonella typhimurium ATCC 14028
Inoculum (cfu) 10-100	Growth w/blood : Good Growth w/o blood : Good Recovery Rate : >=70.0%

Other Information

Applications

Used for the isolation and cultivation of fastidious & non fastidious microorganisms.

Composition

Ingredients	gm/lt.
Papaic digest of soybeanmeal	15.00
Agar	15.00
Pancreatic digest of casein	15.00
Sodium chloride	5.00

Directions

1. Add 40.00 gm powder to 1.0 liter distilled/purified water and mix thoroughly.
2. Gently heat and bring to boiling.
3. Autoclave at 15 psi pressure at 121°C for 15 minutes.

General Information

Storage	8 to 25°C (Cool & Dry Area)
Shelf Life	36 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
100 Gms	38210000 (GST 18%)
2 Kg	38210000 (GST 18%)
500 Gms	38210000 (GST 18%)

Available Packages

100 Gms

500 Gms

2 Kg

Disclaimer

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